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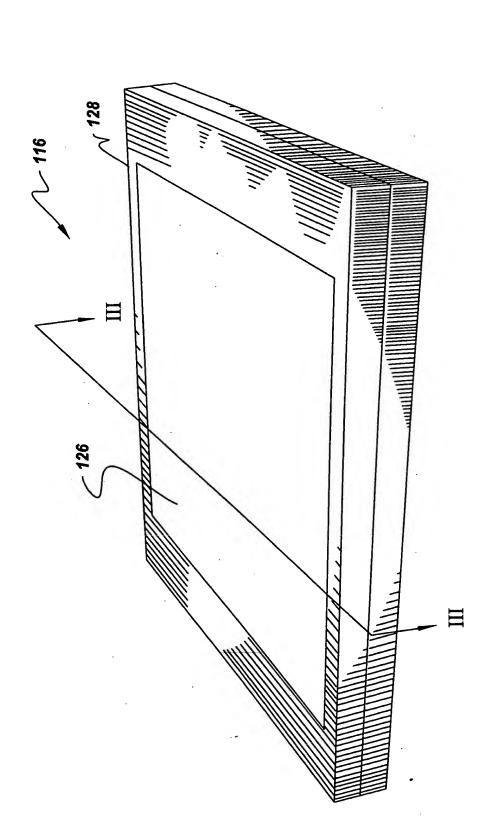
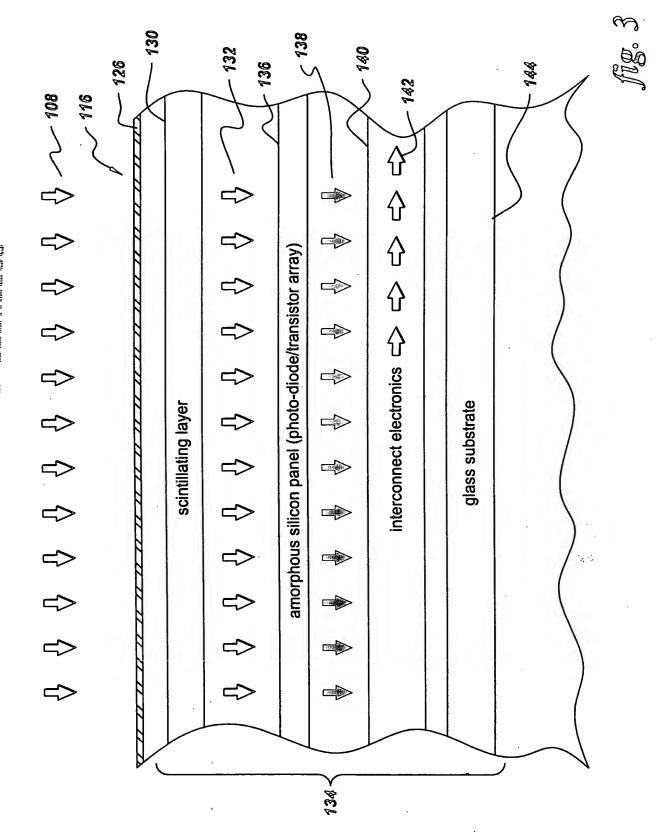
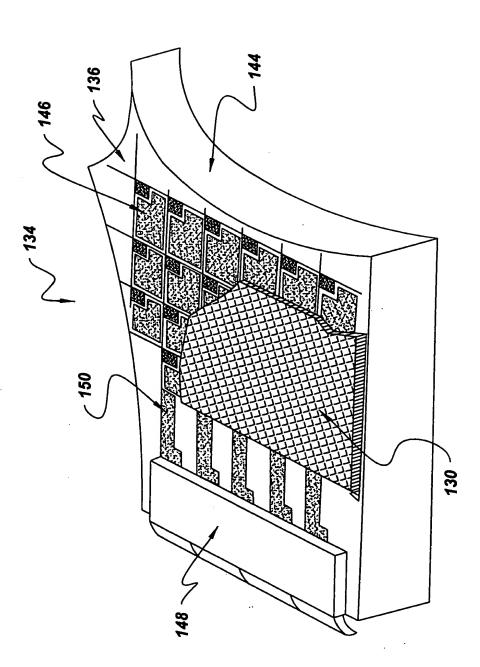


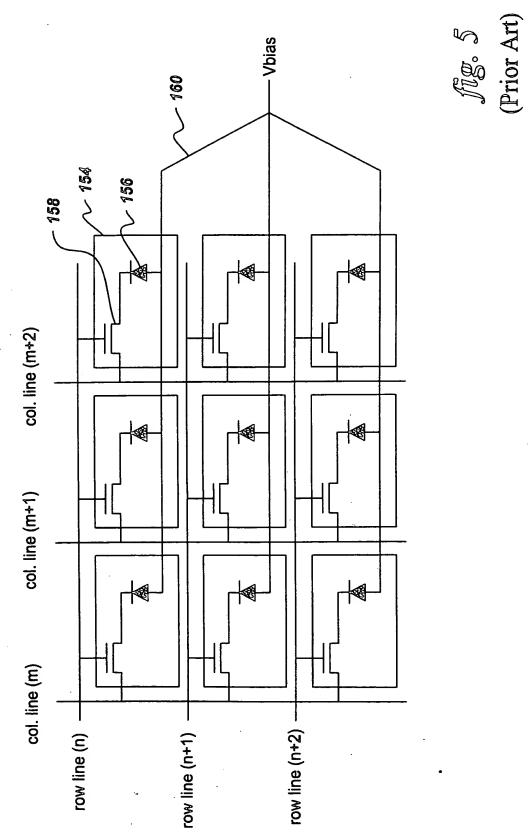
fig. 2 (PRIOR ART)

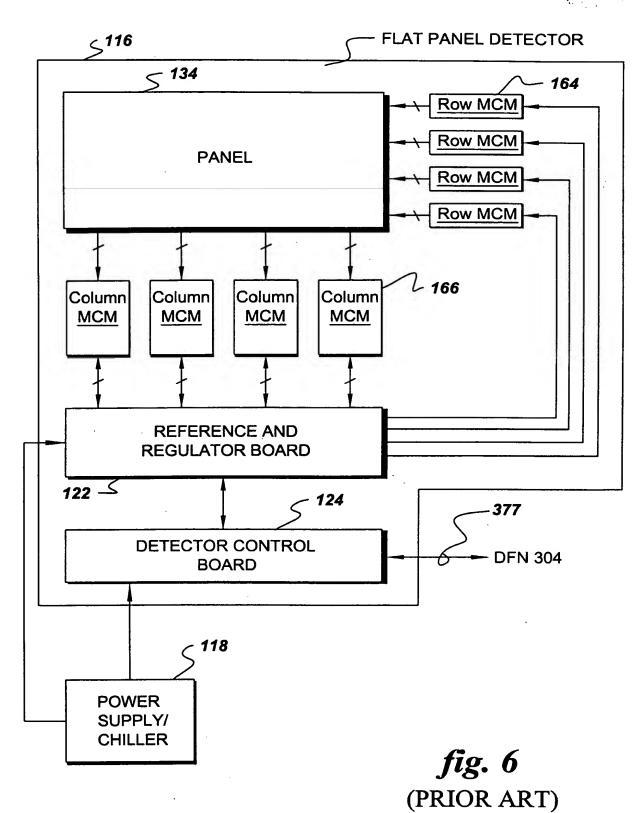


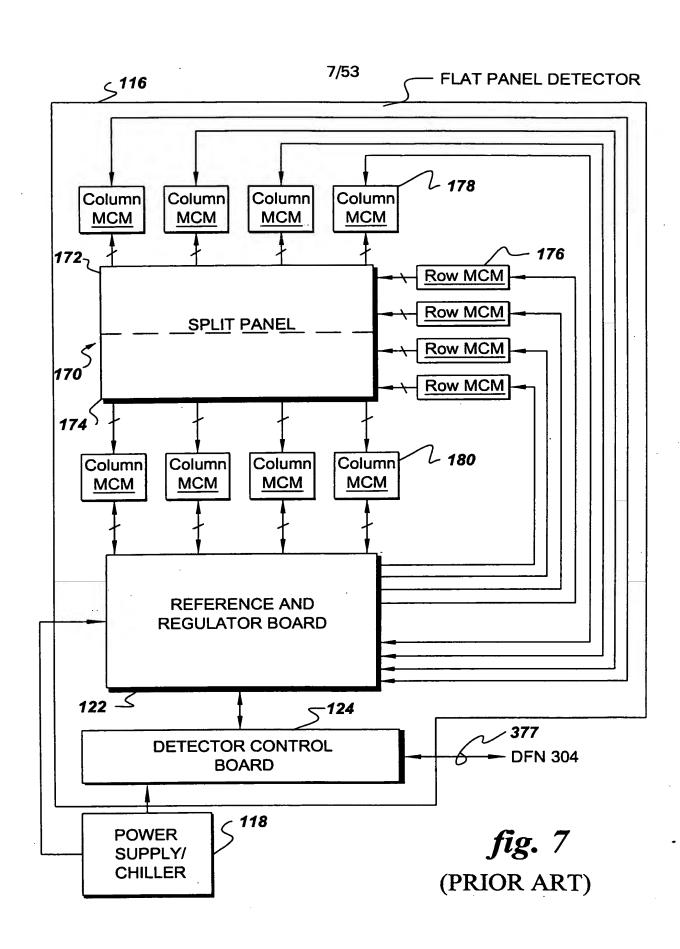


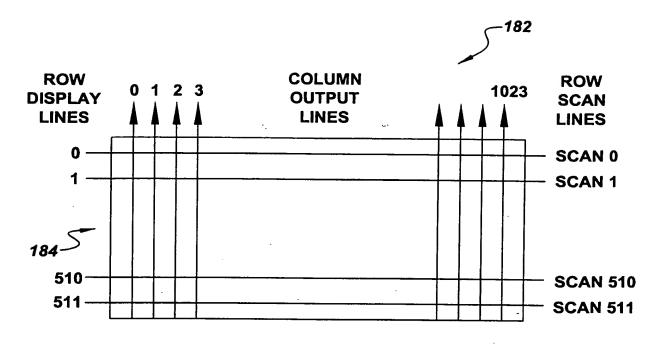


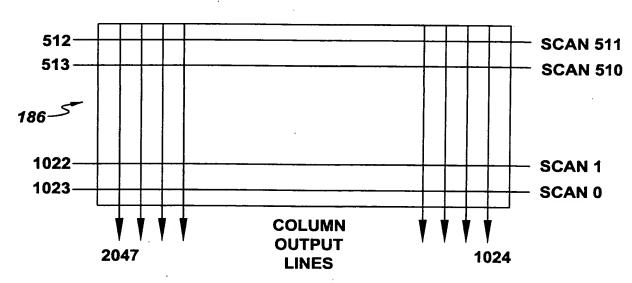












**CARDIAC/SURGICAL DIGITAL X-RAY PANEL** 

fig. 8 (PRIOR ART)

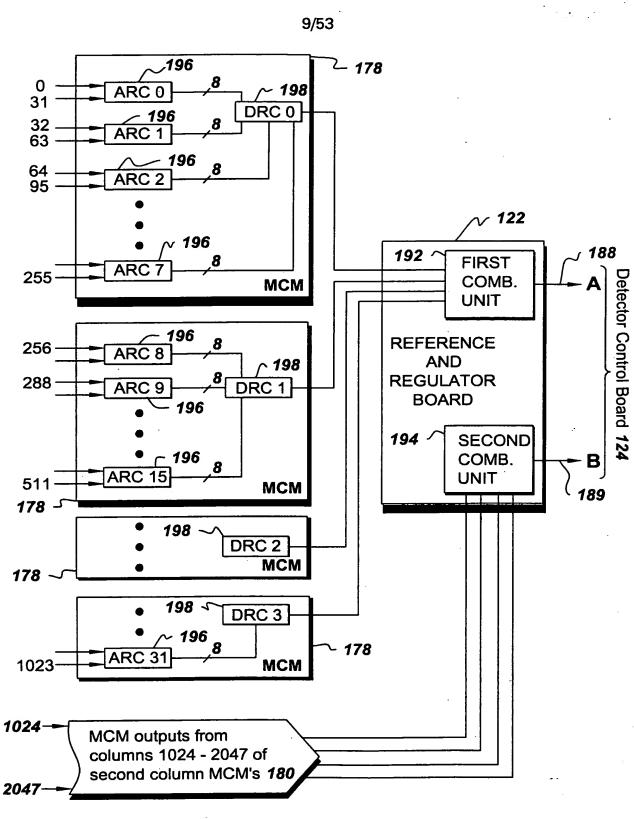
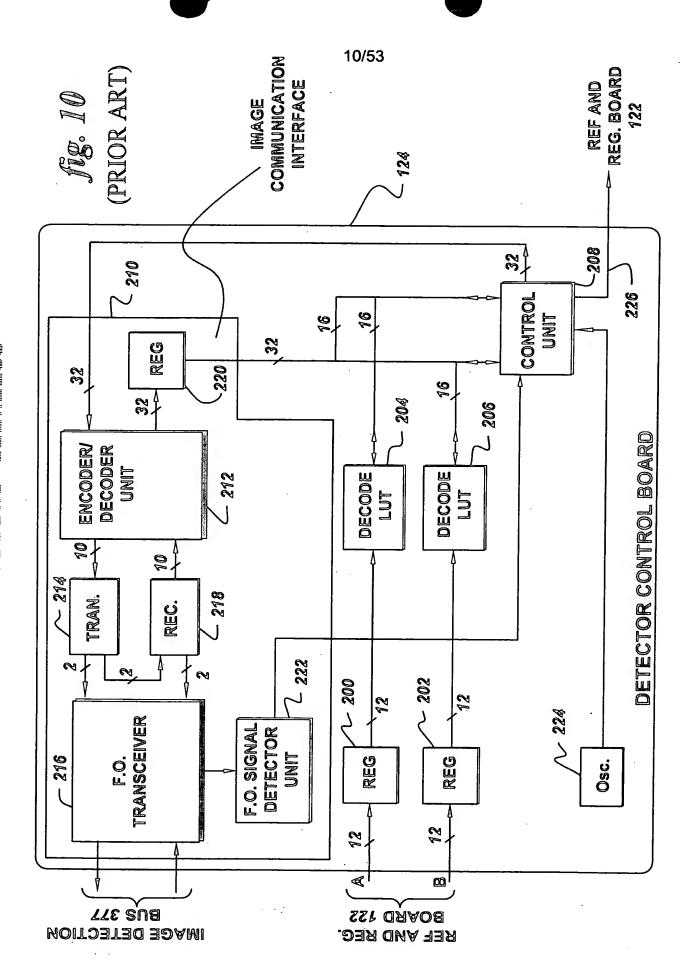


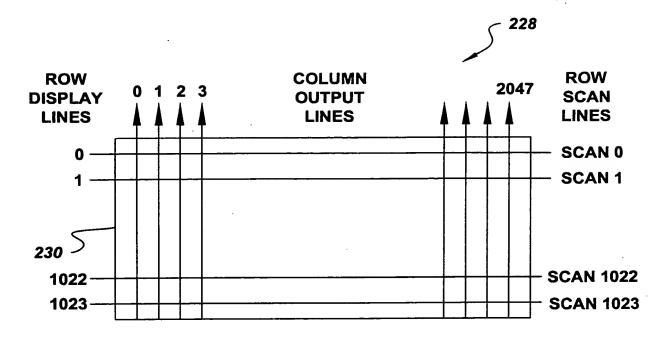
fig. 9 (PRIOR ART)

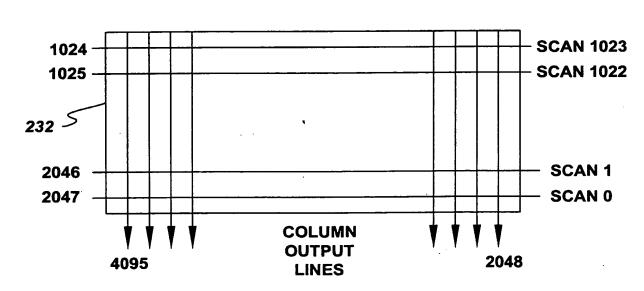






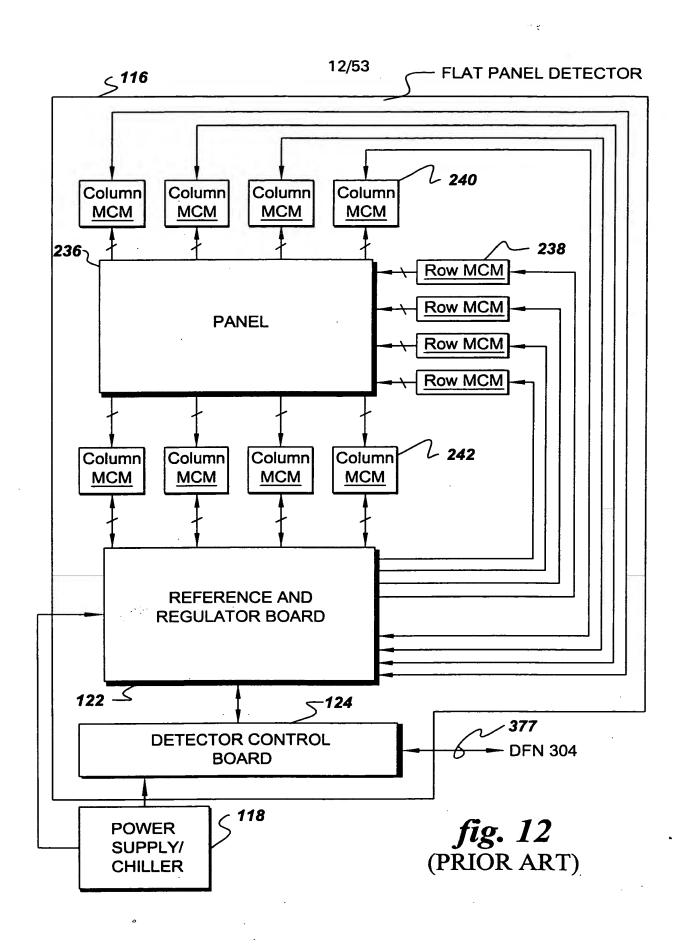
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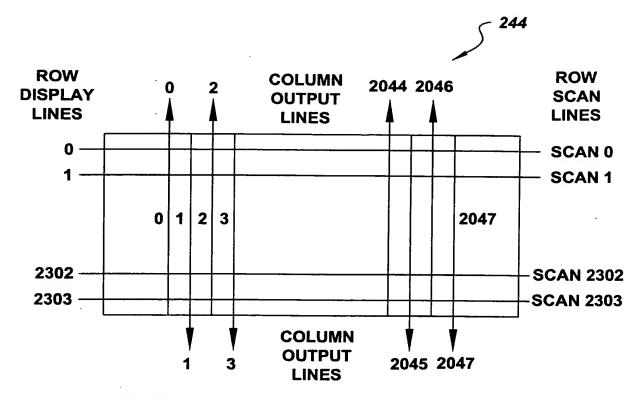


RADIOGRAPHY DIGITAL X-RAY PANEL

fig. 11 (PRIOR ART)

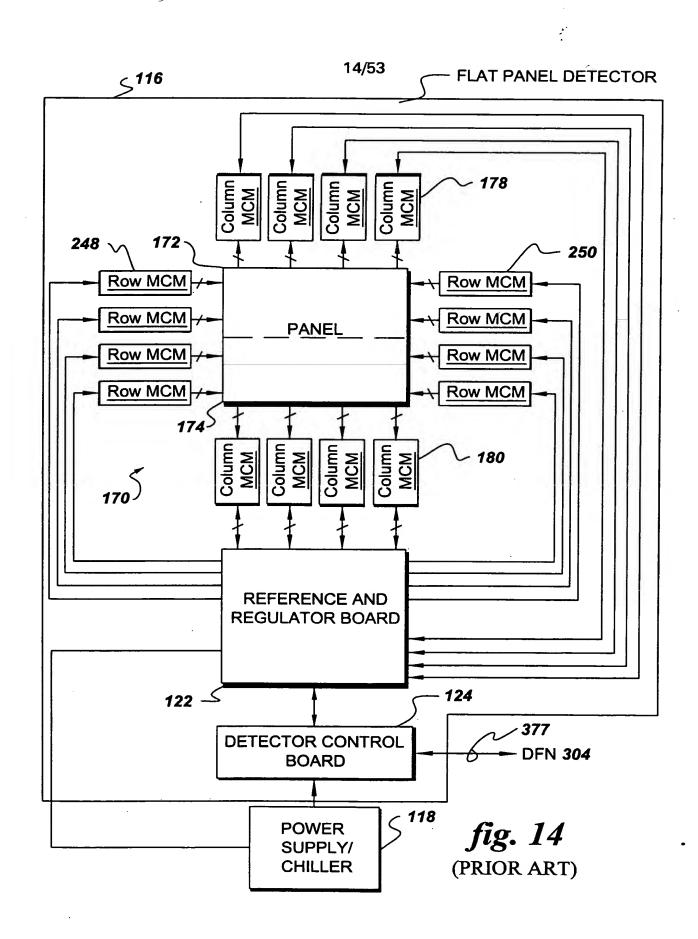


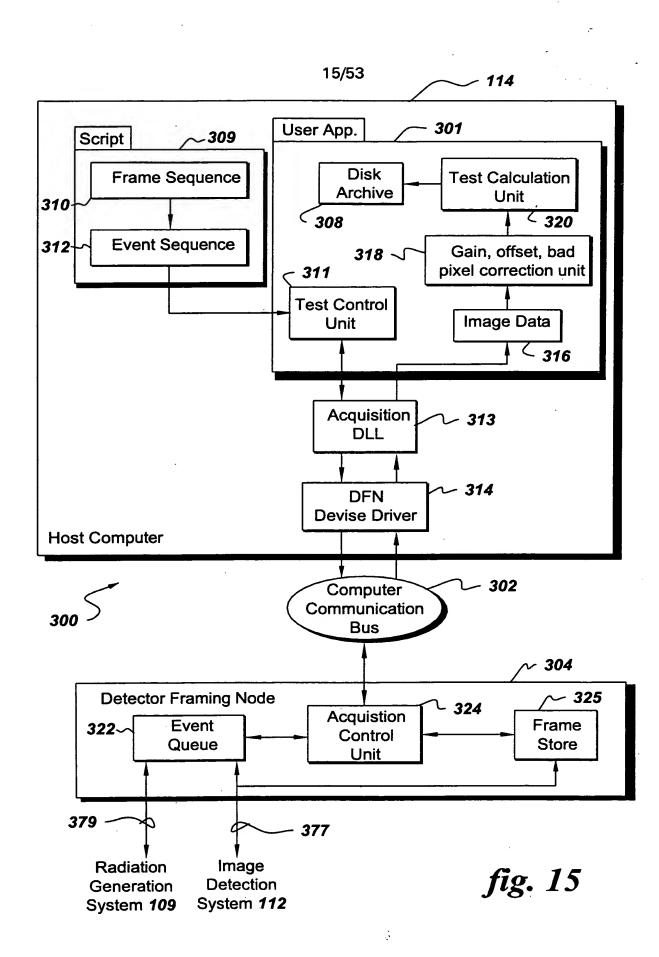
13/53

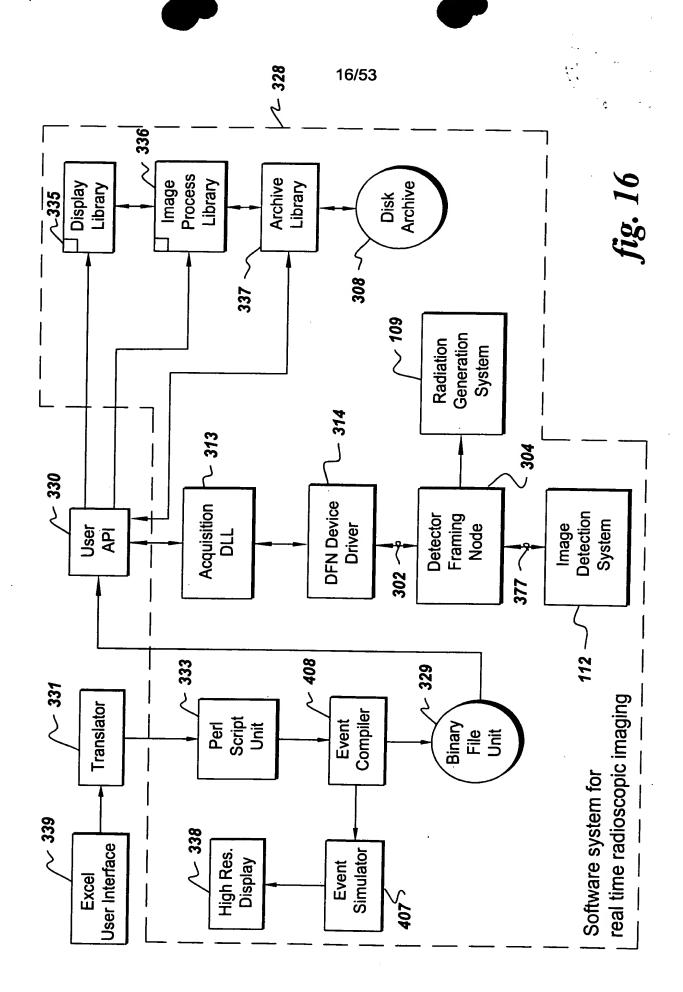


MAMMOGRAPHY DIGITAL X-RAY PANEL

fig. 13 (PRIOR ART)

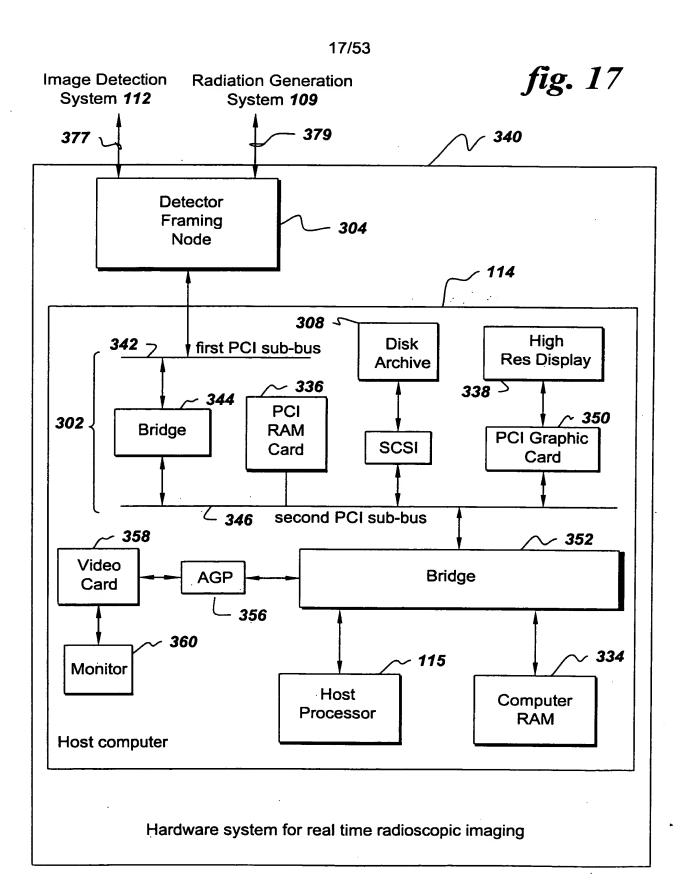


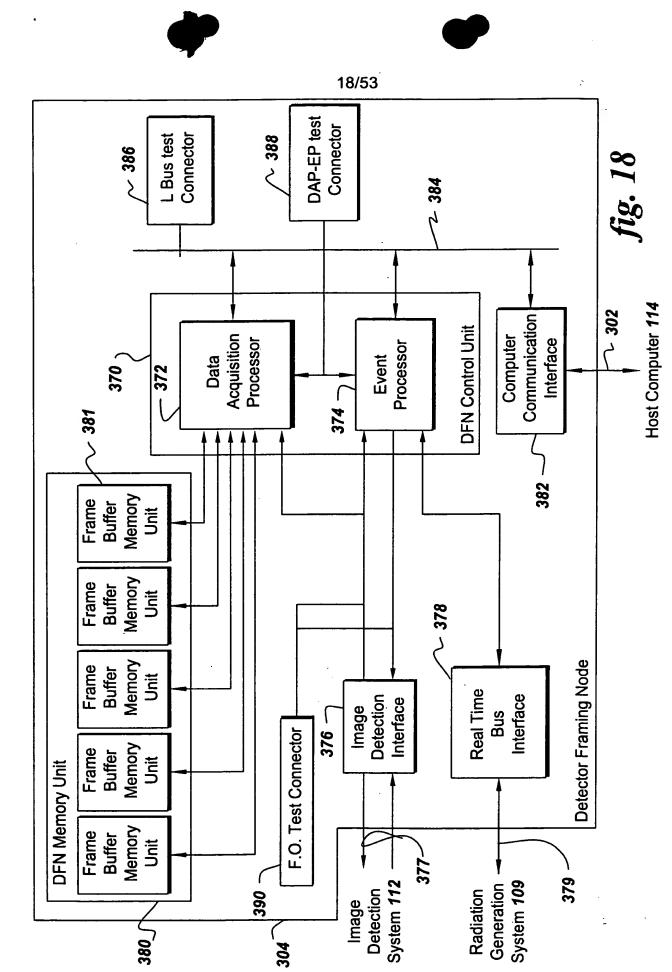












A Section Control of the Control of		(fm/sec)	(fm/sec) length latency	latency	memory offset gbr	offset	gbr
Panel Setup	Real Time	30	unlimited	<5 frames	host	none	
Single Frame	Post Process	•	ı	Delay ∼.1 sec	=	>	
Single Frame	Post Process	•	•	Delay ∼.2 sec	=	>	>
Real Time	Real Time	œ	unlimited	<5 frames	host	none	
Real Time	Real Time	Ä-X	unlimited	<5 frames	=	>	
Real Time	Real Time	R-≺	unlimited	<5 frames	=	>	>

red	
Frames Stored host memory	200 50 44
image size	1024 X 1024 2048 X 2048 2304 X 2048
Modality	Cardiac Rad Mammo

fig. 20





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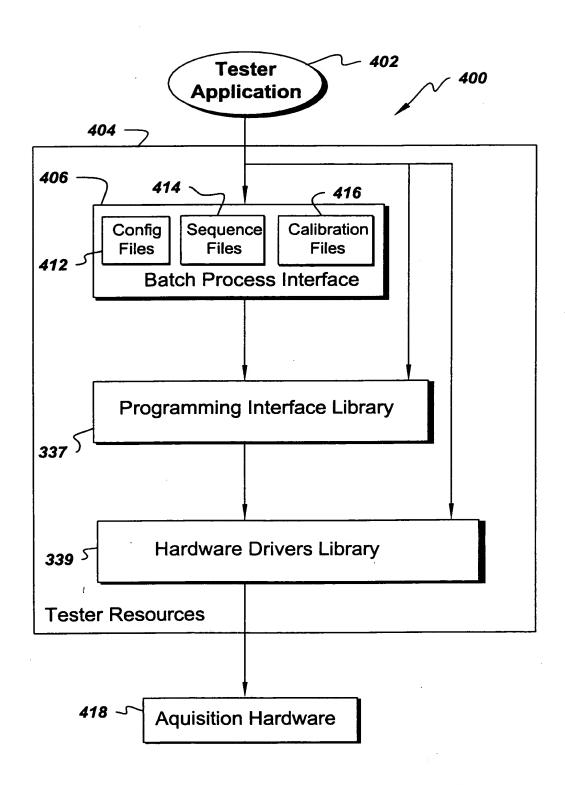
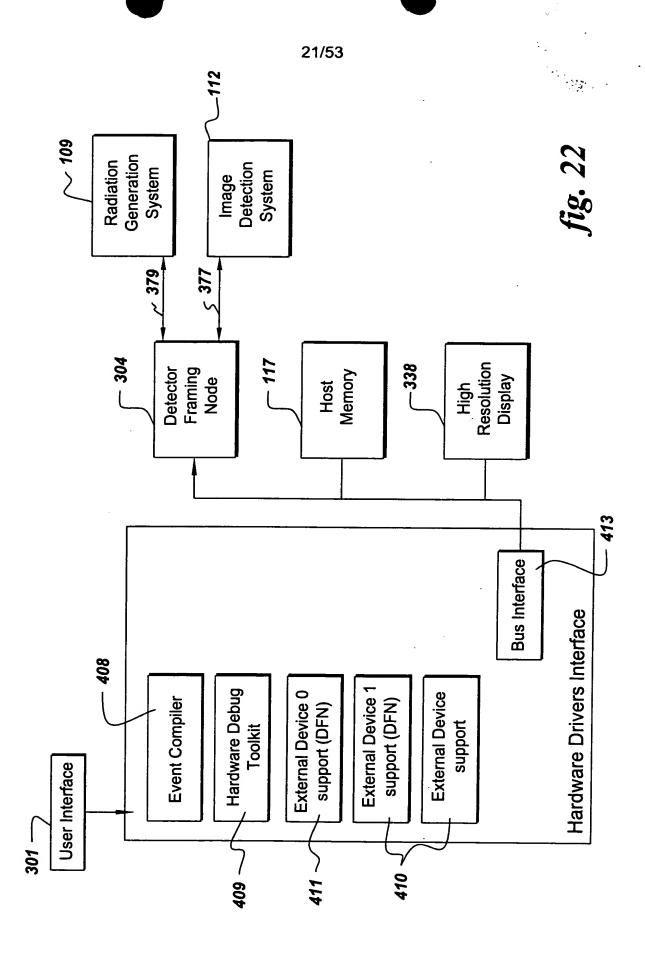


fig. 21





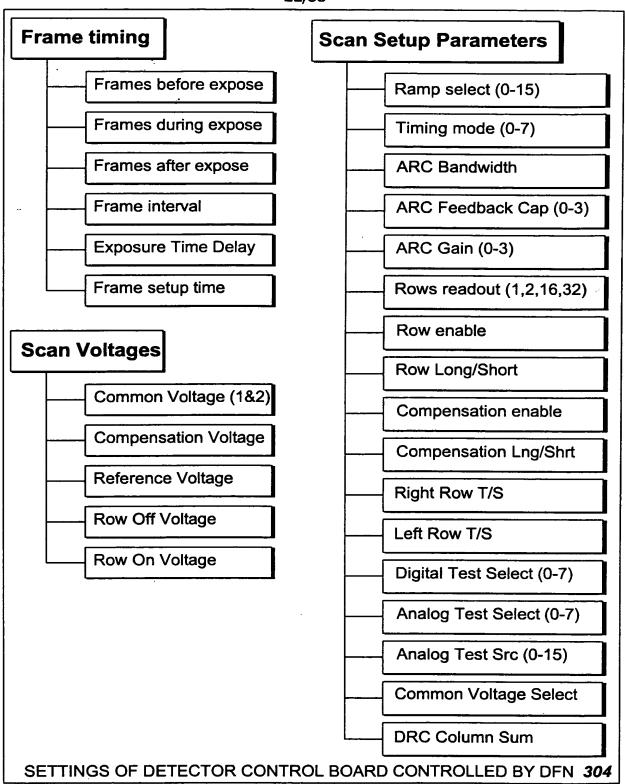


fig. 23





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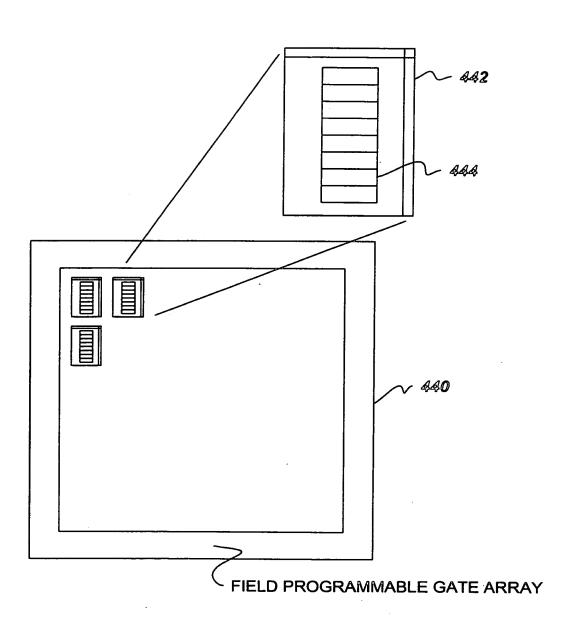
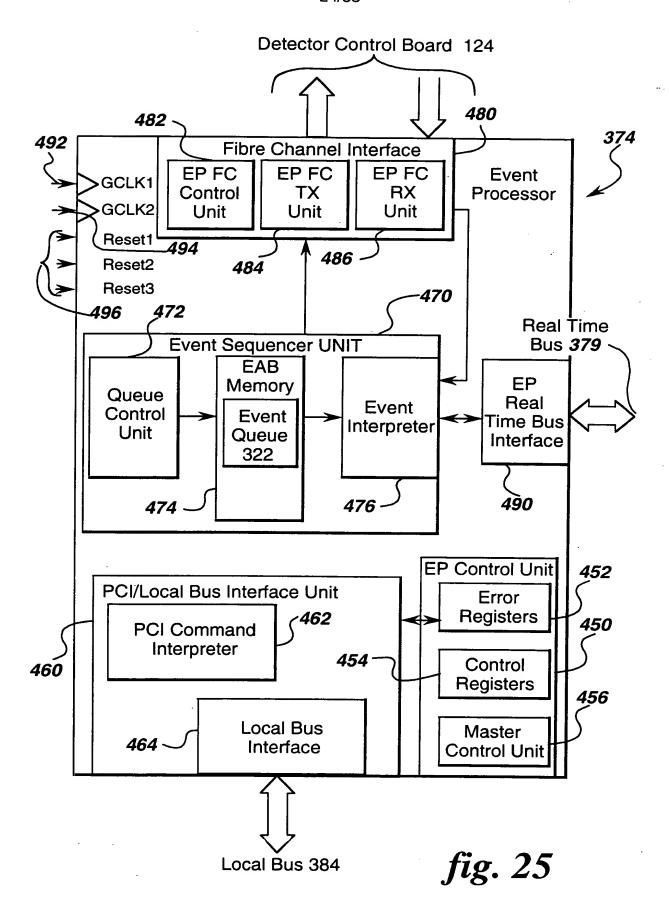


fig. 24





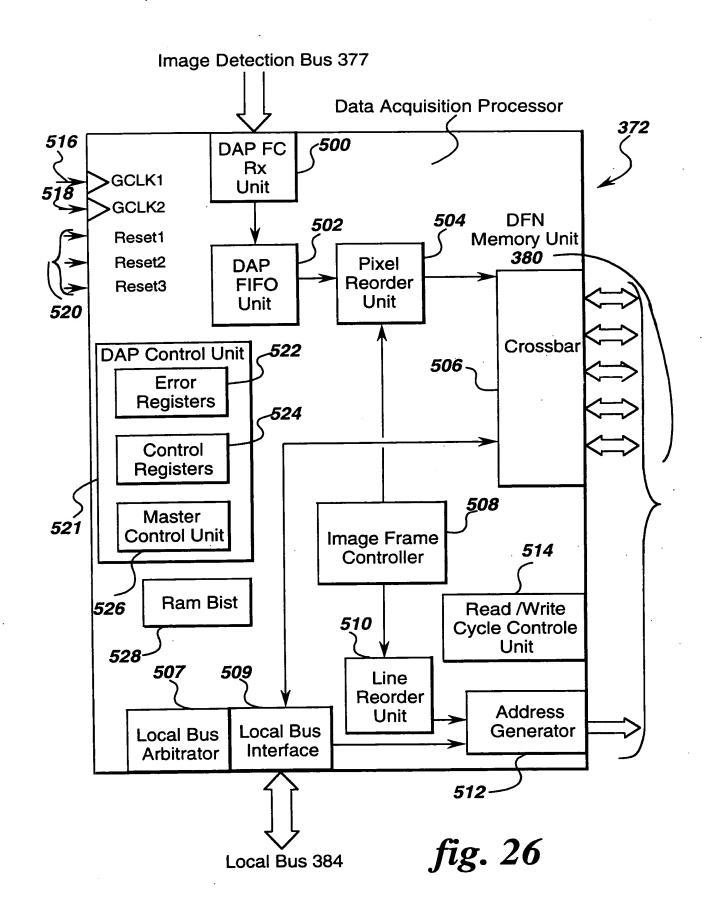
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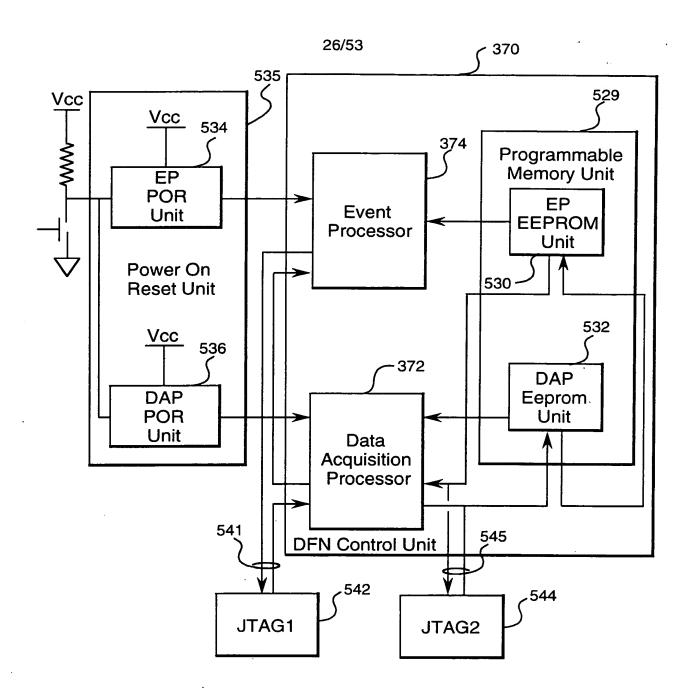
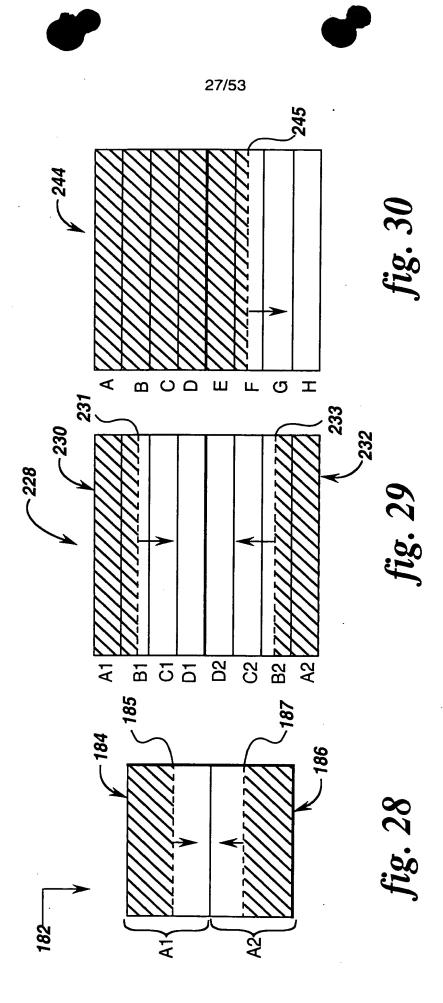


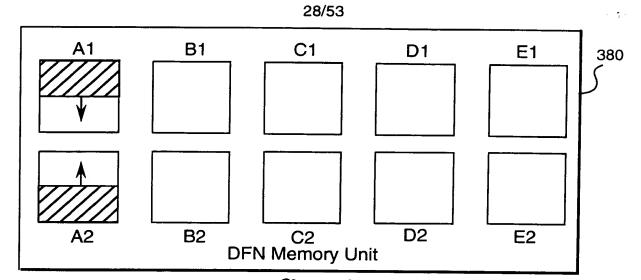
fig. 27

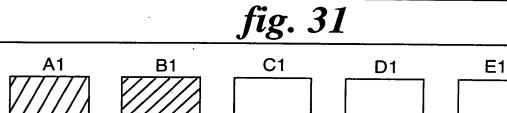






380





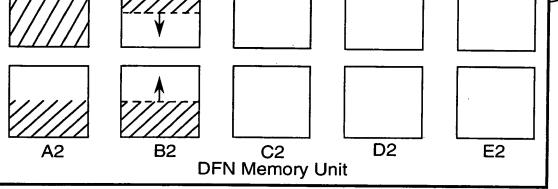


fig. 32

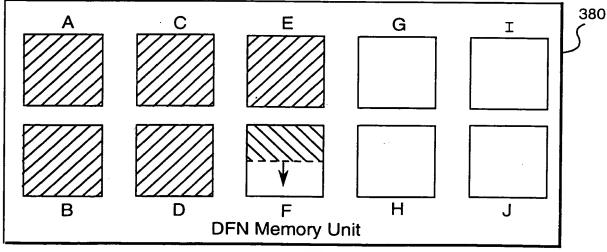


fig. 33





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y 334	A	В	Э	Q	П	L	5	H
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Mg. 36

11g. 35

A2 B2 C3 B3 A2 A2

A1

A2

ME. 34

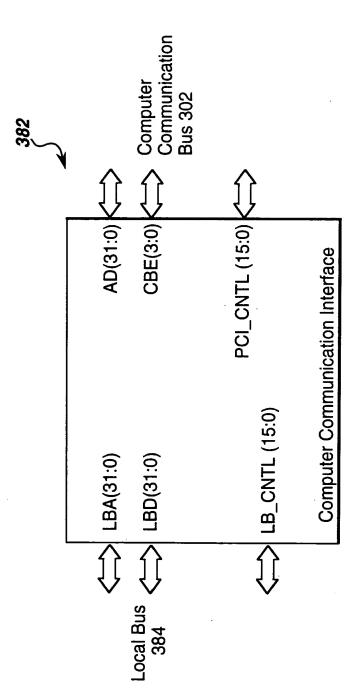
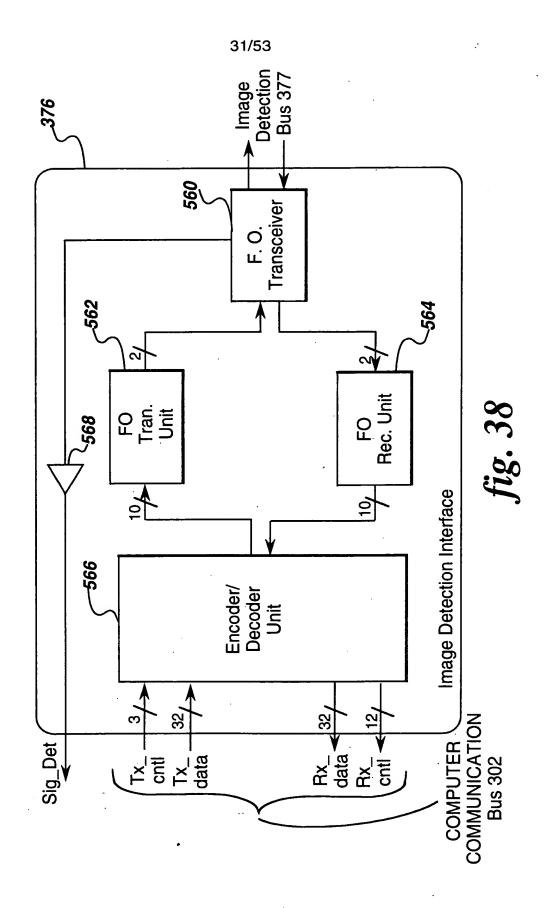


fig. 37



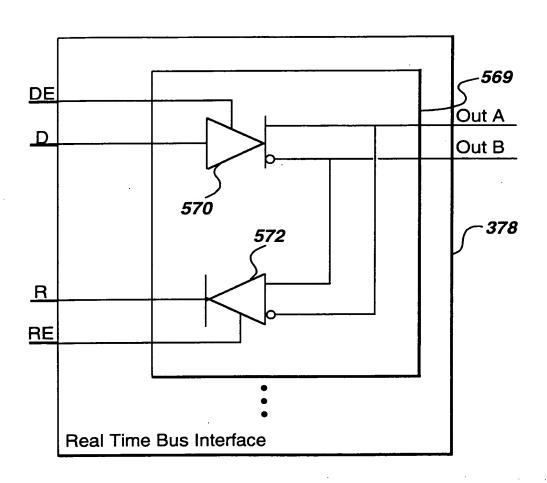
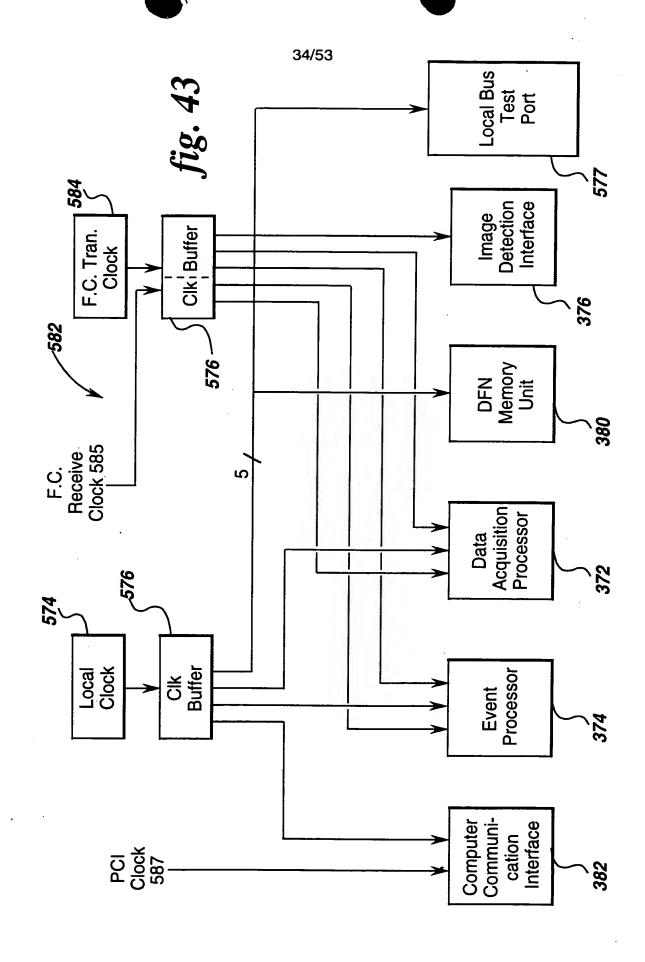
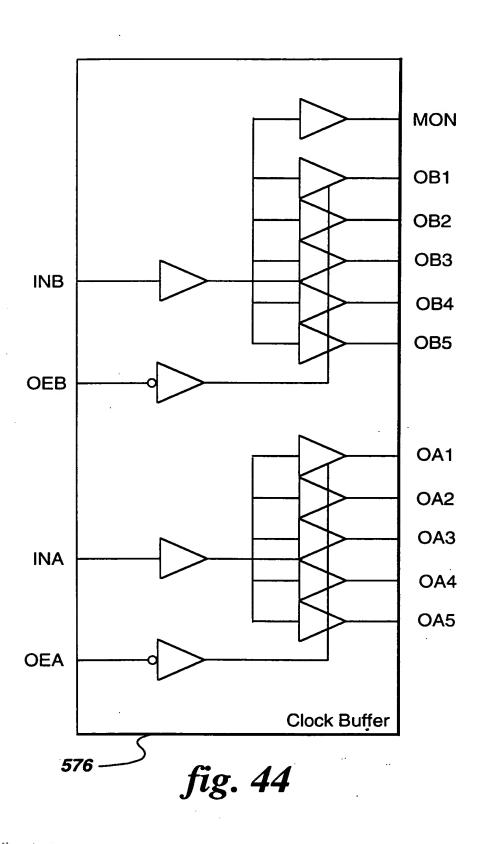
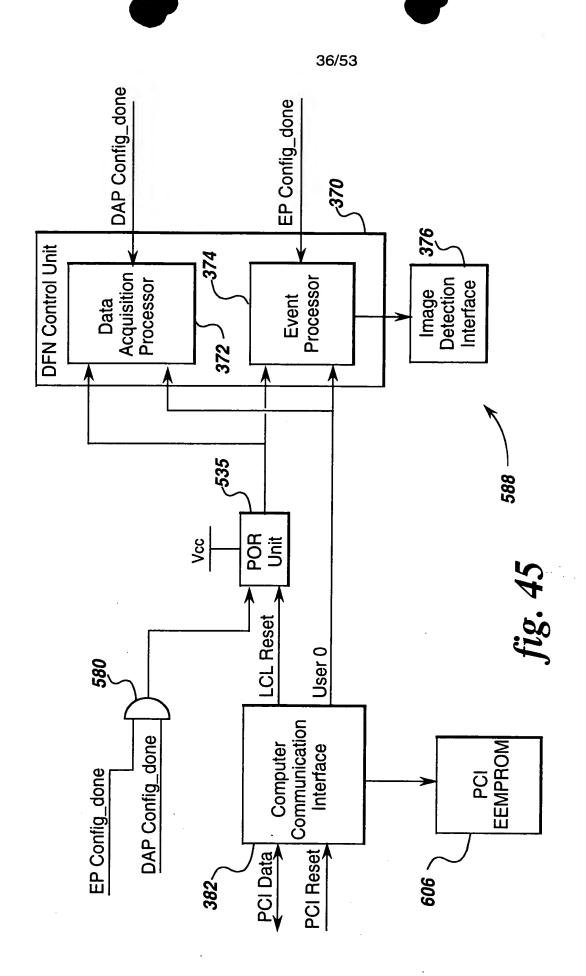
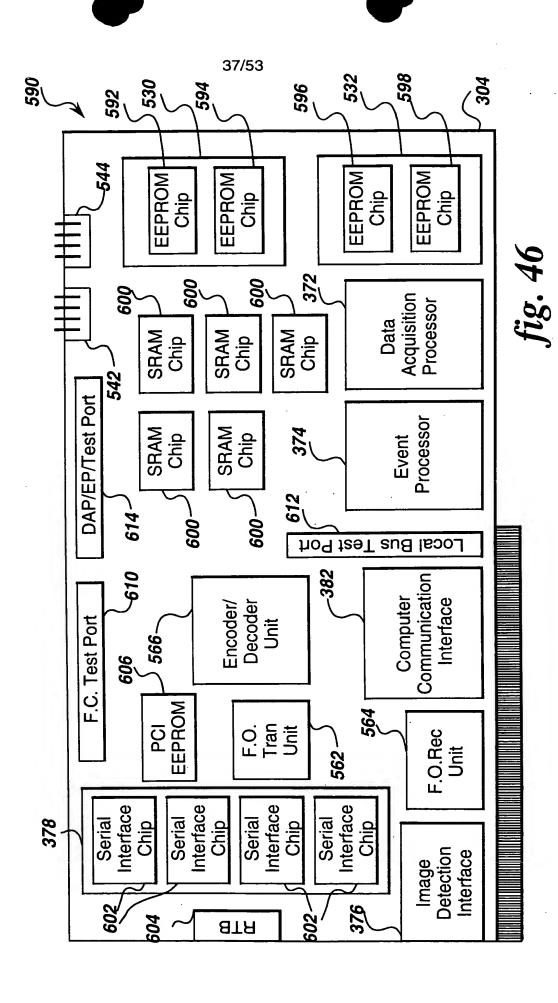


fig. 42

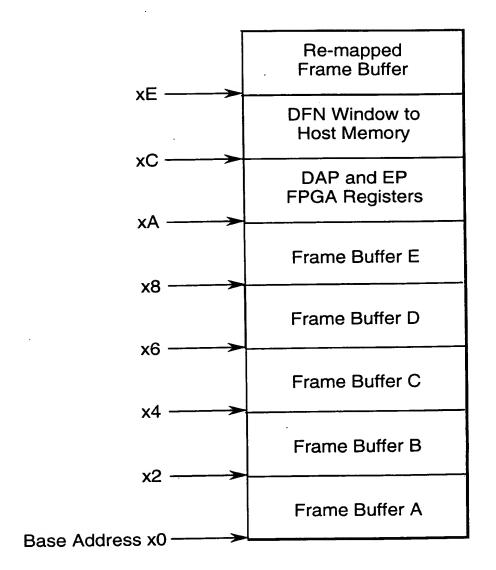






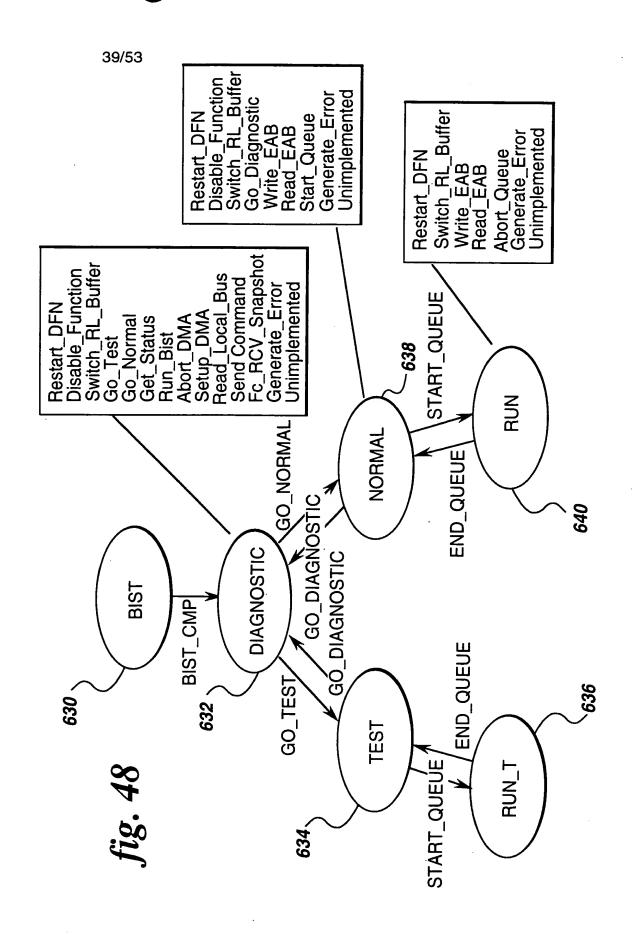


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Mapping of 16 MByte PCI Address Space

fig. 47



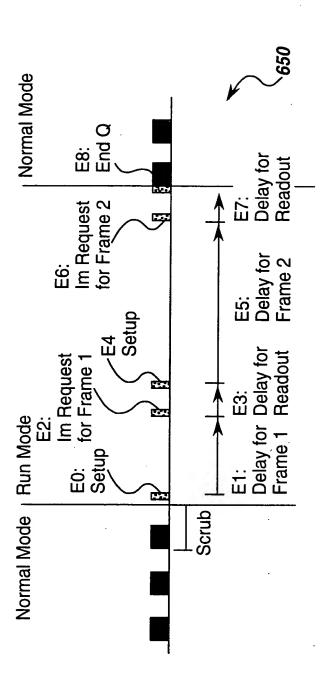


fig. 49

Event Mnemonic	<b>Event</b> (showing size of arguments)	Op Code (hex)	Data (bytes)	<b>Total</b> (bytes)	099
Endq	Endq	14	0	-	¥
Delay (T)	Delay (0xff ff ff ff)	10	4	5	
Send (command, value)	Send (0xff ff ff ff, 0xff ff ff ff)	04	8	6	fig. 50
LoopKN (K, N)	LoopKN (0xff ff, 0xff)	00	3	4	Jug. 30
LoopKF (K, F)	LoopKF (0xff ff, 0xff ff ff)	OD	2	9	
Wait (F)	Wait (0xff ff, ff)	60	3	4	
Flag (F)	Flag (0xff ff, ff)	80	3	4	

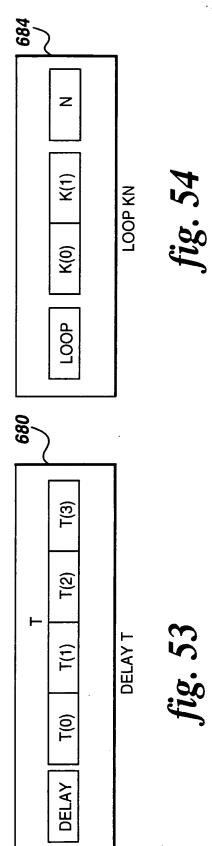
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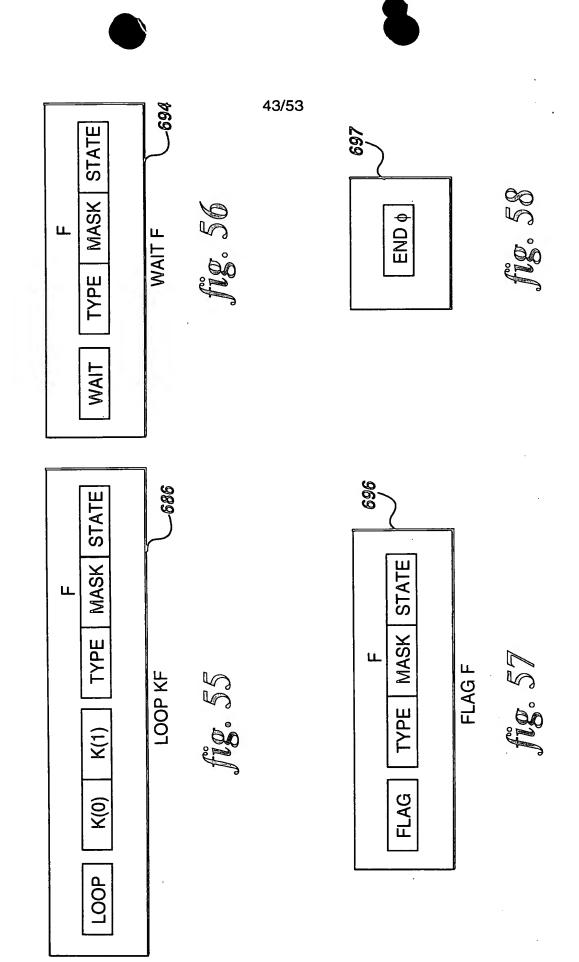
S2   HDR1(2)   HDR1(3)   HDR2(0)   HDR2(1)   HDR2(3)		S1 (1) HDR1(2) HDR1(3)
S1   HDR1(2)   HDR1(3)	TE E	HDR1(1)
S1 HDR1(2)	TE E	HDR1(1)
		HDR1(

SEND

Description of Error	4CK Detected	mitted Command	þ	Send Event While Waiting for ACK From Previous Send	put Signal Power on Fibre Channel (Cable Disconnected?)	Fibre Channel Receiver Detected Bad Data (Defective Chipset?)	nsynchronized 18.52	Bad Received CRC Detected (Fiber-optic Cable Problem?)	achine (Defective Chipset?)
Descrip	Timeout Expired With No ACK Detected	ACK Did Not Match Transmitted Command	Unexpected ACK Received	New Send Event While Wa	No Input Signal Power on	Fibre Channel Receiver De	Fibre Channel Data Link Unsynchronized	Bad Received CRC Detect	CRXS(3) & CRXS(2)   Bad Order in Link State Machine (Defective Chipset?)
Error Mnemonic	FC_TIMEOUT	FC_BAD_ACK	FC_EXTRA_ACK	FC_EXTRA_CMD	SIG_DETN	RXERROR	WRDSYNCN	CRXS(1)	CRXS(3) & CRXS(2)

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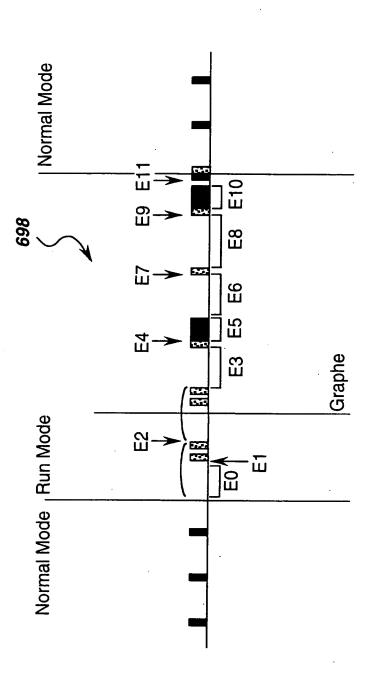


fig. 59



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E11	EndQ
E10	Delay 125 ms
E9	Send Im Request
E8	Delay 500 ms
E7	Flag RT2
E6	Delay 50 ms
E5	Delay 125 ms
E4	Send Im Request
E3	Delay 300 ms
E2	Loop 2, RT1
E1	Send Scrub
E0	Delay 300 ms
•	

**EVENT QUEUE** 

fig. 60

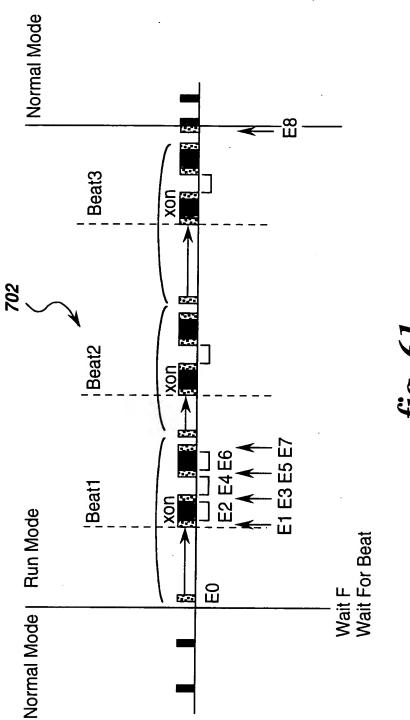
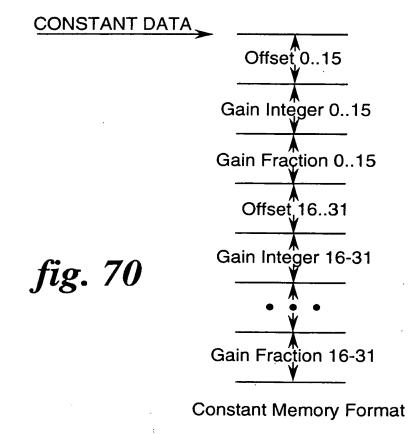


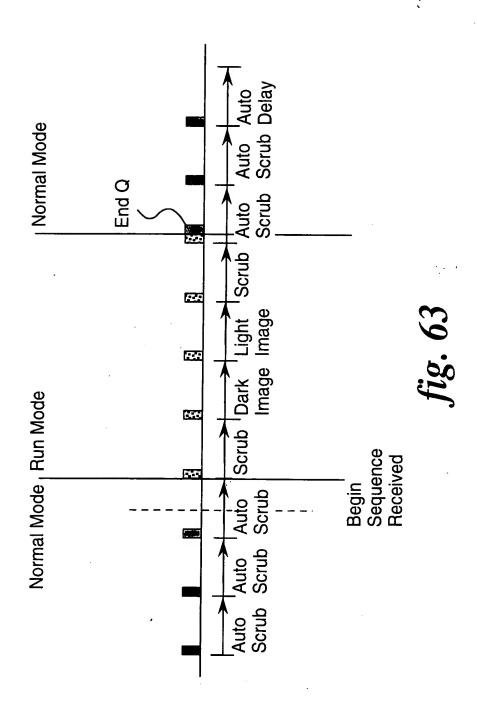
fig. 61

4	7	15	3
-	,,,		. 1

		_
	EndQ	
E7	LoopKF, HF1	
<b>E</b> 6	Delay 23 ms	704
E5	Send Im Request	
E4	Delay 10 ms	
E3	Flag RT2	>
E2	Delay 23 ms	
E1	Send Scrub Request	<i>C</i> •
E0	Wait RT1	fig. 62
'		•

## **EVENT QUEUE**





%qv = ('delay\_qv' = > [10000]); %qp = ( );

# call frame with qv's frame\_type1(NULL, \%qv1, 1);

sednence\_end();

# define qv defaults: %qv1 =('delay\_qv' => 5000);

sequence\_begin ();

\$QVf = 'frame';

sub frame



compile\_init (@\_,\%qp, \%qv, \$QVf); Delay('Delay\_qv1'); compile\_finit ();

fig. 64

fig. 65

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// num bytes to write // variable name // developer info // new value (ULONG \*) & Debug (char \*) SymName, (char \*) sndBuf, BufSize

pDFN->DFNChangeQueueVariable

fig. 66





## fig. 67

fig. 68

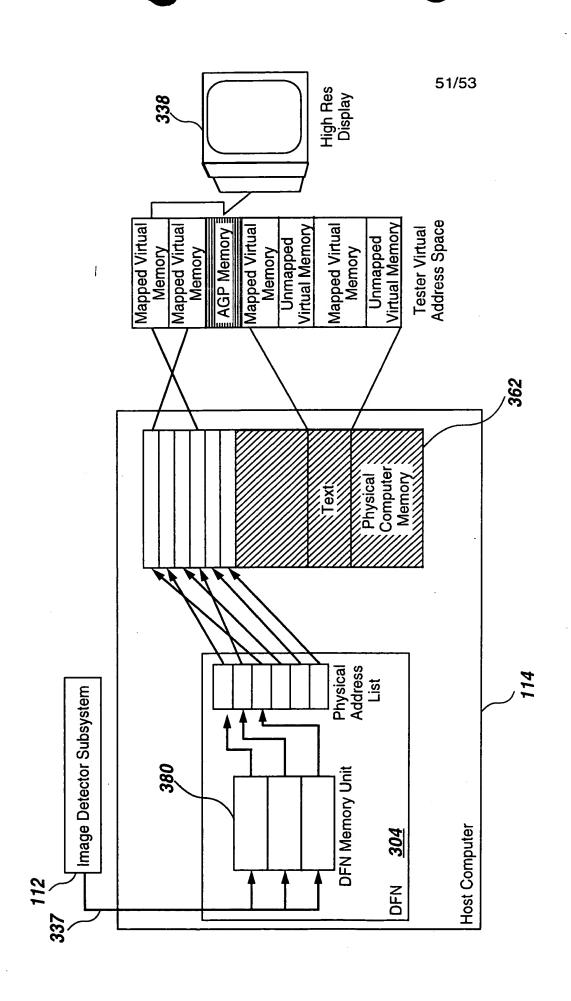
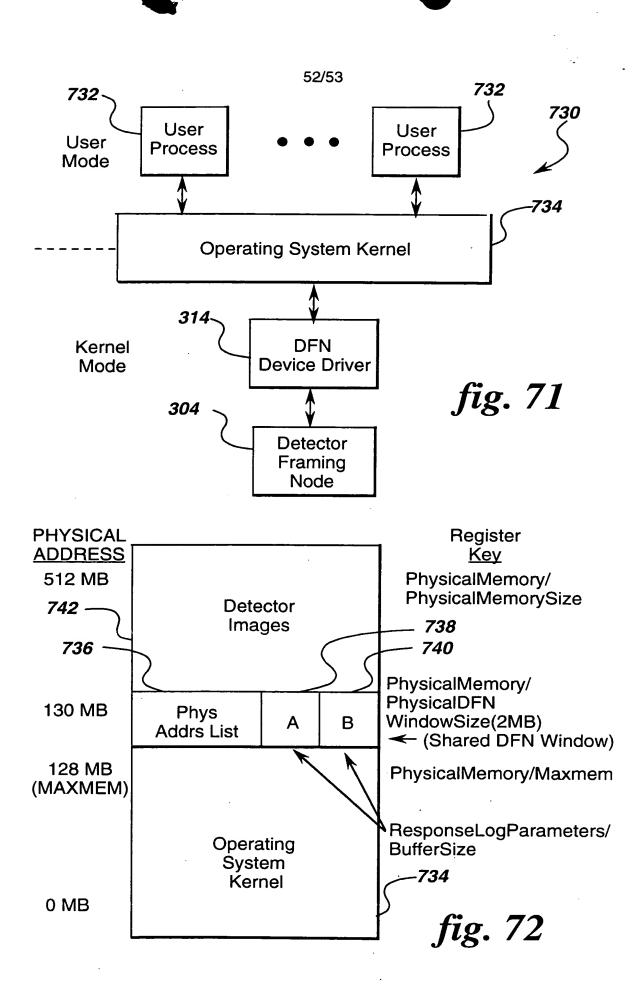


fig. 69







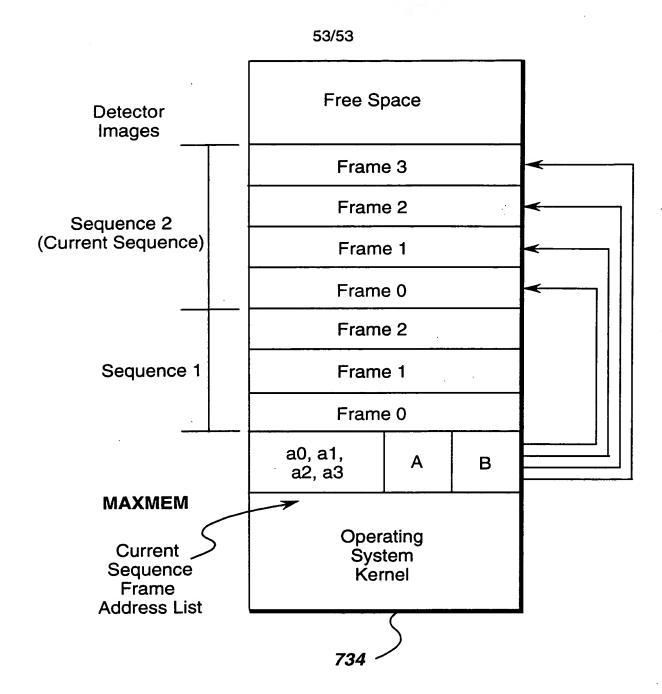


fig. 73